

Philips B Line 275B1H/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LED Black

Brand : Philips

Product family: B Line

Product code: 275B1H/00

Product name : 275B1H/00



Monitor 275B1H LCD monitor with Windows Hello Webcam

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This Philips monitor with a secure pop-up webcam with Windows Hello offers a personalized, greater security. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

Philips B Line 275B1H/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K Ultra HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black



Display

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	2K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	350 cd/m ²
Response time *	4 ms
Anti-glare screen	✓
Screen shape *	Flat
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.2331 x 0.2331 mm
Pixel density	109 ppi
Horizontal scan range	30 - 114 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 114 kHz
Digital vertical frequency	48 - 75 Hz

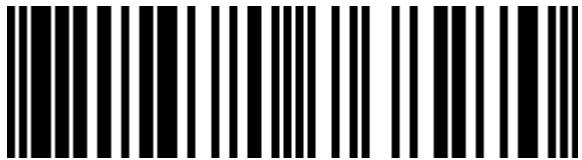
Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	15 cm
Pivot	✓
Pivot angle	-90 - 90°
Swivelling	✓
Swivel angle range	-180 - 180°
Tilt adjustment	✓
Tilt angle range	-5 - 30°
On Screen Display (OSD)	✓
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	✓
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	F
Energy consumption (SDR) per 1000 hours *	26 kWh
Power consumption (typical) *	18 W
Power consumption (standby) *	0.4 W
Power consumption (PowerSave)	17.5 W

Display		Power	
Sync-on-green (SOG)	✓	AC input voltage	100 - 240 V
Display diagonal (metric)	68.6 cm	AC input frequency	50 - 60 Hz
DDC/CI	✓	Power supply type	Internal
Haze rate	25%	Energy efficiency scale	A to G
Surface hardness	3H	European Product Registry for Energy Labelling (EPREL) code	413349
Performance		Operational conditions	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	0 - 40 °C
AMD FreeSync *	✗	Storage temperature (T-T)	-20 - 60 °C
VESA Adaptive Sync support	✓	Operating relative humidity (H-H)	20 - 80%
Component video sync	Separate sync	Storage relative humidity (H-H)	20 - 80%
Flicker-free technology	✓	Operating altitude	0 - 3658 m
Low Blue Light technology	✓	Non-operating altitude	0 - 12192 m
Multimedia		Weight & dimensions	
Number of speakers	2	Width (with stand)	613 mm
RMS rated power	4 W	Depth (with stand)	205 mm
Built-in speaker(s) *	✓	Height (with stand)	537 mm
Megapixel (approx.)	2 MP	Weight (with stand)	6.42 kg
Built-in microphone	✓	Width (without stand)	613 mm
Built-in camera *	✓	Depth (without stand)	51 mm
Design		Height (without stand)	366 mm
Market positioning *	Business	Weight (without stand)	4.77 kg
Product colour *	Black	Packaging data	
Front bezel colour	Black	Package width	700 mm
Detachable stand	✓	Package depth	215 mm
Feet colour	Black	Package height	456 mm
Ports & interfaces		Package weight	9.7 kg
Built-in USB hub *	✓	Packaging content	
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Stand included	✓
USB upstream port type	USB Type-B	Cables included	HDMI, DisplayPort, USB Type-A to USB Type-B, AC
Number of upstream ports	1	Manual	✓
USB Type-A downstream ports quantity	3	Bundled software	SmartControl
VGA (D-Sub) ports quantity	1	Sustainability	
DVI port	✓	Sustainability certificates	ENERGY STAR, TCO
DVI-D ports quantity	1	Doesn't contain	Mercury, PVC/BFR
HDMI *	✓	Other features	
HDMI ports quantity	1	Exterior finish type	Textured
HDMI version	1.4	Picture enhancement	SmartImage
DisplayPorts quantity	1	Recyclable packaging material	100%
DisplayPort version	1.2	Regulatory Approvals	EPA; CB; TUV/GS; TUV Ergo; CU-EAC; CE Mark; FCC Class B; ICES-003; UKRAINIAN; TUV Eye
Audio input	✗	Heavy metals free	Comfort certified
Audio output	✓	Light sensor	Hg (mercury), Pb (lead)
Headphone out *	✓	EasyRead mode	✓
Headphone outputs	1	LowBlue mode	✓
Headphone connectivity	3.5 mm	Compliance certificates	RoHS
PC Audio in	✓	Mean time between failures (MTBF)	70000 h
HDCP	✓	Certification	EPA, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, CE Mark, FCC Class B, ICES-003, UKRAINIAN, TUV Eye
HDCP version	1.4	Recycling data	Comfort certified
AC (power) in	✓	Post-consumer recycled plastic	85%
Logistics data		Harmonized System (HS) code	85285210



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